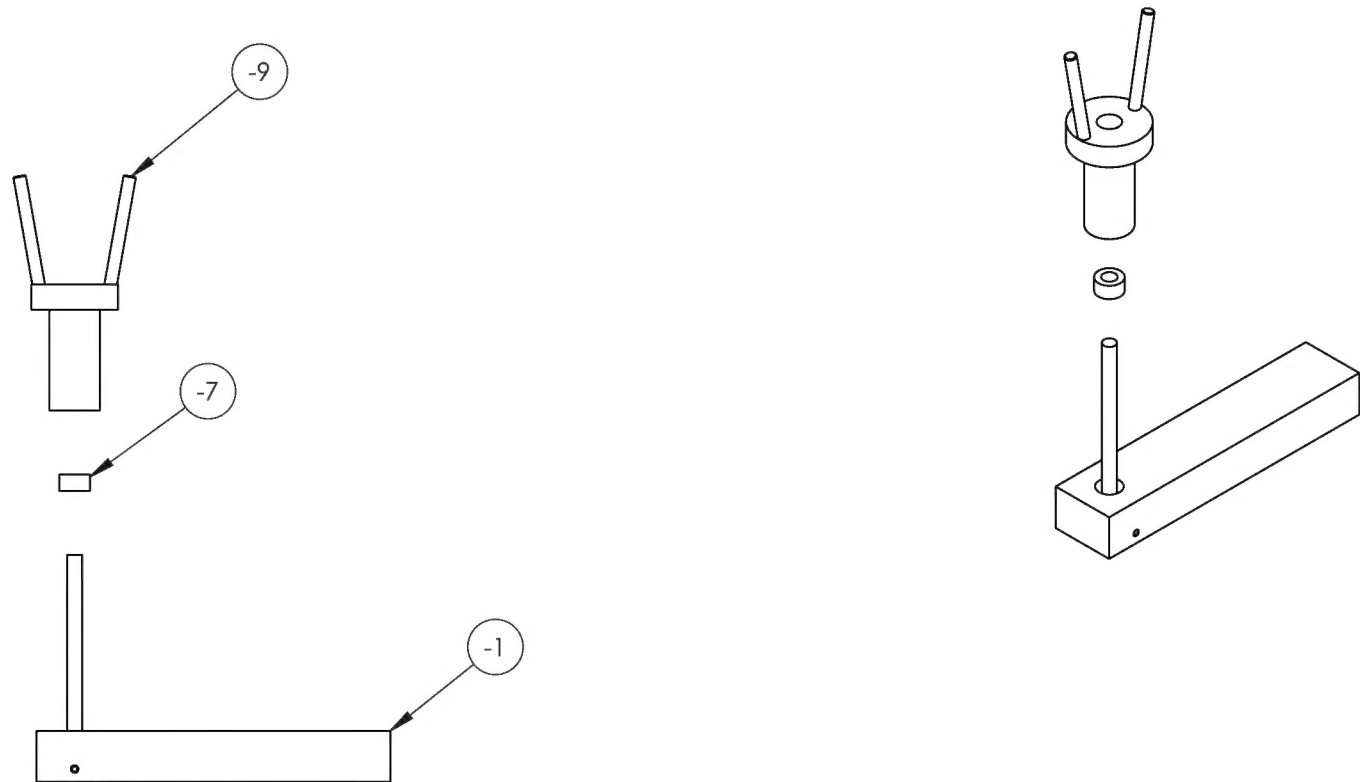


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-3 CH'D B/O INFO WAS 1 X 1-1/2 X 5-3/4 IS 1 X 1-1/4 X 5-3/4. -5 ADDED B/O INFO MCMASTER-CARR #6940T16, CH'D DIM WAS Ø.236 IS (Ø.236). -11 ADDED MISSING DIMS 2X .563 & 2X 10°. -13 CH'D B/O INFO WAS Ø1/4 X 2-1/8 IS Ø5mm X 2-1/8 MCMASTER-CARR #8920K18, CH'D DIM WAS Ø.195 IS (Ø.195). CH'D TOLERANCE ON NON-CRITICAL PARTS.	5/20/2014	DPD	GE



NOTES:

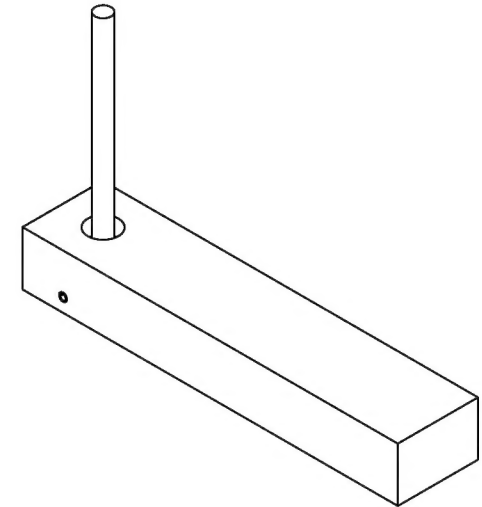
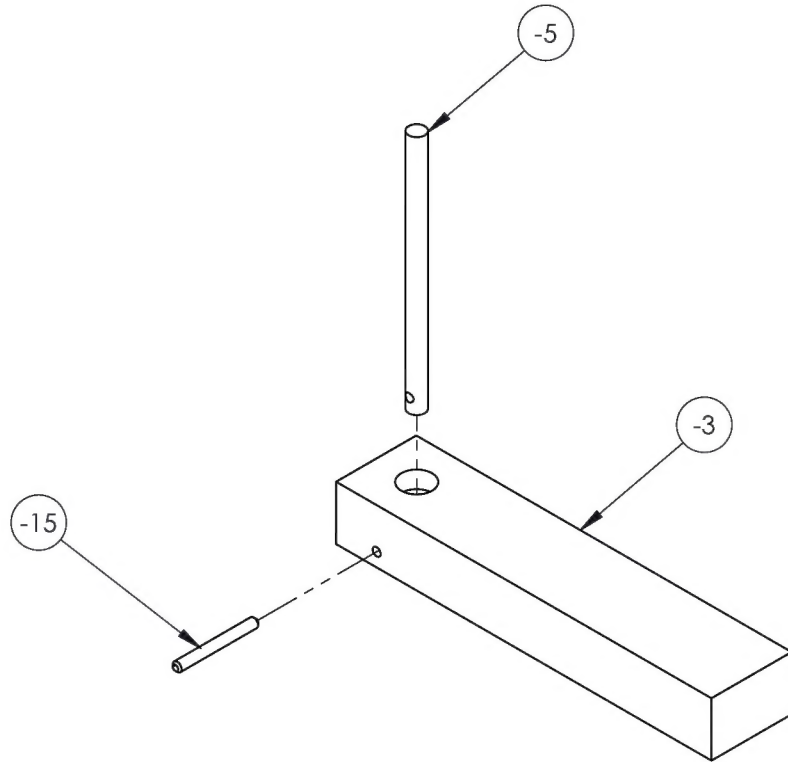
1. REF. AGUSTA T/N: 109-3401-61-101.
2. NSN: 5120-15-147-3555.
3. USED ON: AW109A, AW109All, AW109C, AW109K2, AW109E, AW119.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	BASE ASSY			2
	1		-3		BASE	6061	1 X 1-1/4 X 5-3/4	3
	1		-5		TIE ROD	6061	Ø6mm X 94mm MCMASTER-CARR #6940T16	4
			-7	1	BUSHING	1018	Ø1/2 X 3/8	5
X			-9	1	KNOB WELDMENT			6
1			-11		KNOB	1018	Ø1-3/8 X 2-1/8	7
2			-13		ROD	1018	Ø5mm X 2-1/8 MCMASTER-CARR #8920K18	8
	1	B/O	-15		SPRING PIN	S.S.	3mm X 30mm MCMASTER-CARR #91610A412	2
ASSY -9	ASSY -1							


RED BARN MACHINE	
TITLE	BEARING HANGER BUSHINGS CENTERING
DWG NO.	RBW109-3401-61-101
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1
DRAWN BY:	MARPET
APPROVED	<i>D Weil</i>
HEAT TREAT	
FINISH	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:3
DATE	6/4/2013
SHEET	1 OF 8

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

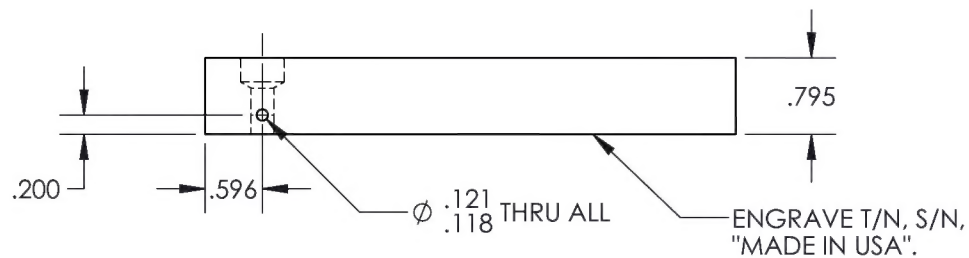
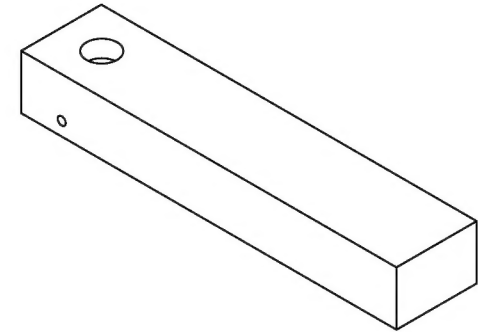
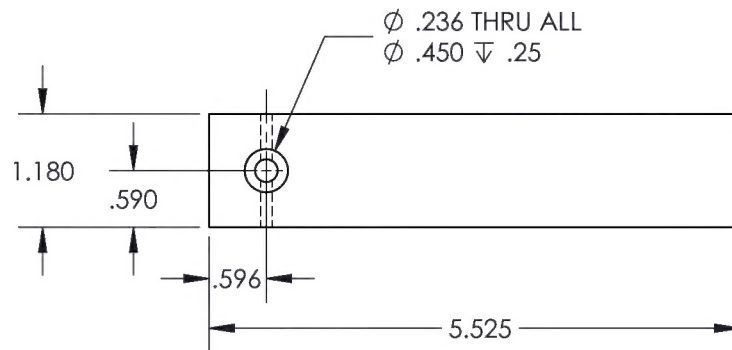


(1)
BASE ASSY

 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101-1	REV A
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: MARPET APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL SEE NOTE
SCALE 1:2	DATE 6/4/2013
SHEET 2 OF 8	


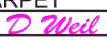
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



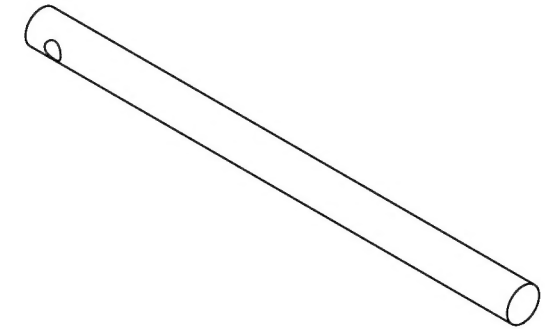
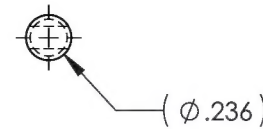
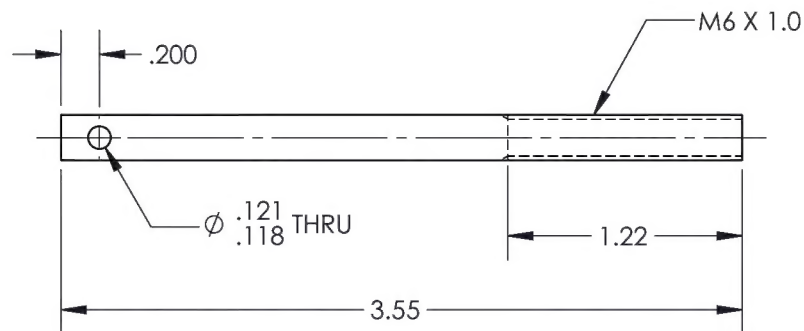
(-3)

BASE


 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101-3	REV A
MAT'L 6061	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm .005$.XX $\pm .01$.X $\pm .1$	APPROVED 
FRACTIONS $\pm 1/32$ ANGLES $\pm 5^\circ$	HEAT TREAT FINISH CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL SEE NOTE
SCALE 1:2	DATE 6/4/2013
SHEET 3 OF 8	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-5 CH'D DIM WAS Ø.236 IS (Ø.236).	5/20/2014	DPD	GE

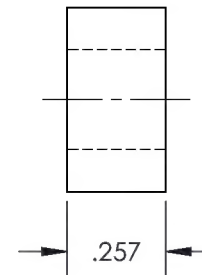
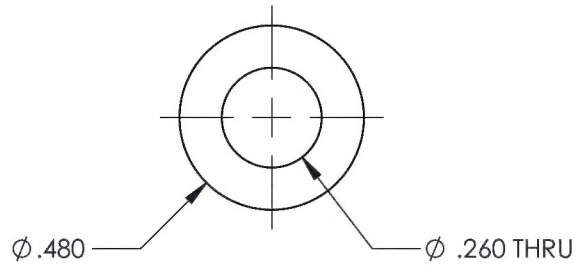
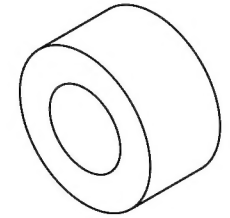


(5)
TIE ROD


 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101-5	REV A
MAT'L 6061	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	CLEAR ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS I
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	SEE NOTE
SCALE 1:1	DATE 6/4/2013
	SHEET 4 OF 8

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

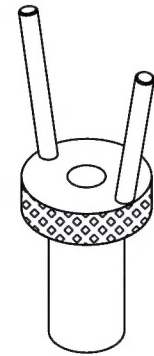
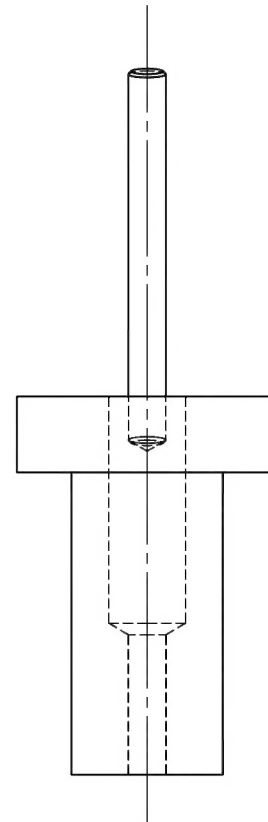
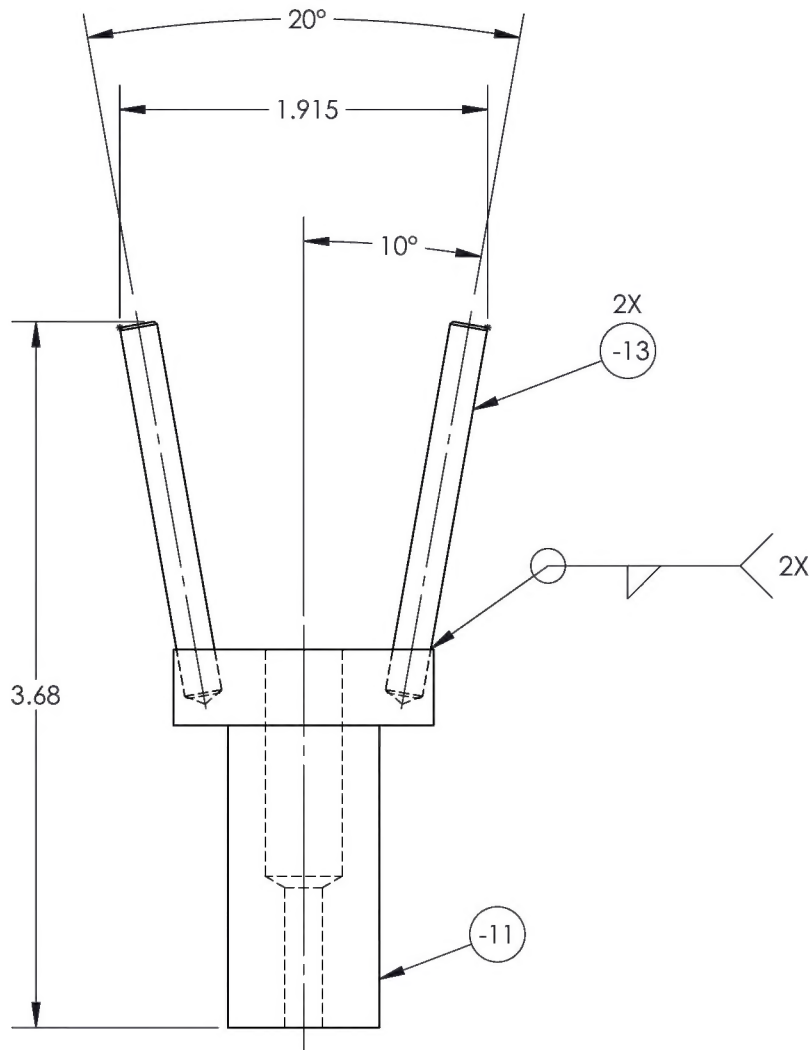


(-7)
BUSHING

 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101-7	REV A
MAT'L 1018	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH CAD PLATE YELLOW SPEC QQ-P-416F, TYPE II, CLASS II
SCALE 2:1	DATE 6/4/2013
SEE NOTE	
SHEET 5 OF 8	



This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



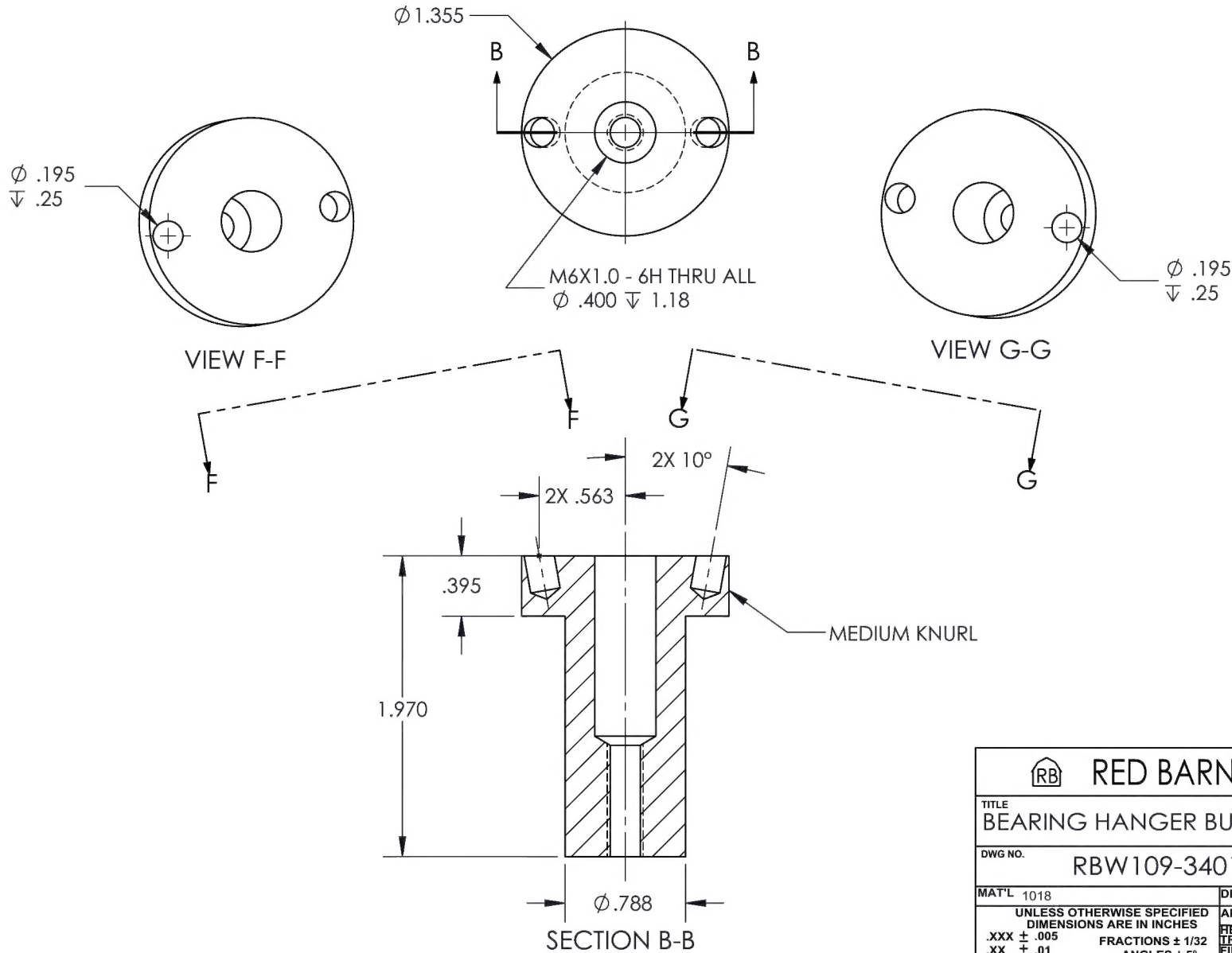
(-9)

Knob Weldment

 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101-9	REV A
MAT'L 1018	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED 
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT CAD PLATE YELLOW
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL SEE NOTE
SCALE 1:1	DATE 6/4/2013
SHEET 6 OF 8	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-11 ADDED MISSING DIMS 2X .563 & 2X 10°.	5/20/2014	DPD	GE

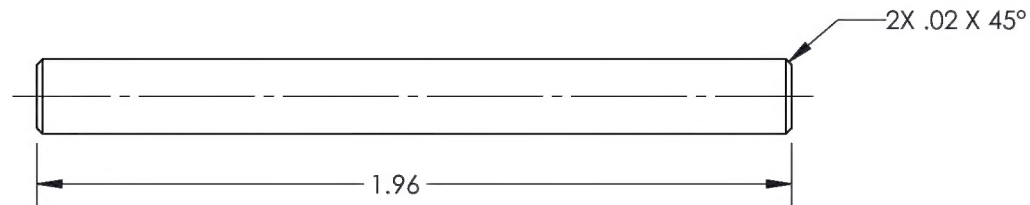
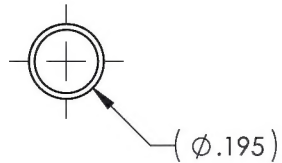
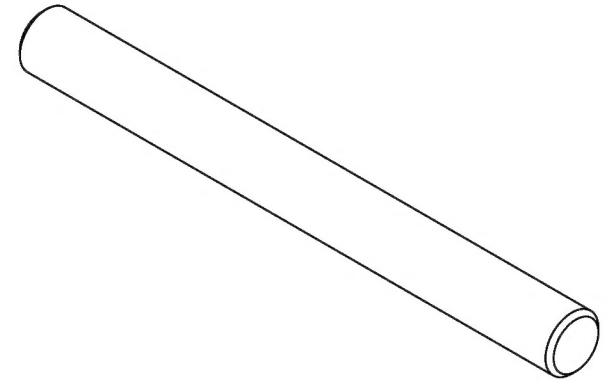


(-11)
KNOB

RED BARN MACHINE			
TITLE BEARING HANGER BUSHINGS CENTERING			
DWG NO. RBW109-3401-61-101-11			REV A
MAT'L 1018		DRAWN BY: MARPET	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH SEE -9 WELDMENT	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SEE NOTE	
SCALE 1:1	DATE 6/4/2013	SHEET 7 OF 8	


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-13 CH'D DIM WAS Ø.195 IS (Ø.195).	5/20/2014	DPD	GE



(-13)

ROD

 RED BARN MACHINE	
TITLE BEARING HANGER BUSHINGS CENTERING	
DWG NO. RBW109-3401-61-101 -13	REV A
MAT'L 1018	DRAWN BY: MARPET
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SEE -9 WELDMENT SPEC
SCALE 2:1	DATE 6/4/2013
USED ON MODEL SEE NOTE	
SHEET 8 OF 8	